

OUR SOFTGEL CAPSULE

NEVER LOOKED SO GOOD!

SOFTGEL OVERVIEW

The softgel capsule has been on the market since the 19th century **and throughout the years** Patients & Consumers have trusted **its efficiency and convenience.**

Because of its easy-to-swallow format, the softgel capsule has built a strong recognition in the **prescription, consumer health and supplement market, making it consumers' preferred dosage form.**

Consumers value the different advantages softgels have to offer, including the variety in shapes and sizes, **making them easier to identify when taken and facilitate patient adherence to treatments.**

Softgels, a format that has continuously reinvented itself



The softgel capsule responds to **vegetarian consumer's demands.** **Cultural, religious, or personal preference** reasons lead consumers to follow different free from diets. **Soft capsules made with non animal sources are available to satisfy consumers' needs.**



Softgels deliver the benefits of the formulation **without unpleasant experience** due to the **enteric coats reducing lingering aftertaste and reflux** caused by some active ingredients.










Compliance increases with fewer doses and fixed dose combination technology in Softgels is ideal to respond to this.

Straus, Mike. Advances in softgels, capsules, and tablets are keeping these formats at the forefront of the industry. Nutritional Outlook. Nov 2018.




Lisa Schofield. Softgels' Clear Advantages. Natural Products Insider. 2019

CONSUMER PREFERRED dosage form

Key Softgel Characteristics

-  **Enhanced Bioavailability** of active ingredients
-  **Attractive** physical appearance
-  **Exact** Dosing
-  **Extended** Shelf Life
-  **Masks Unpleasant** odors and flavors
-  **Consumer preferred dosage form**
-  Available in a variety of **Colors, Shapes, Sizes and Clarity**

Key Softgel Applications

-  **Pharmaceutical:** Products for any type of indication (OTC and Rx).
-  **Nutritional:** Supplements, vitamins, concentrates and other natural products.
-  **Cosmeceuticals:** Cosmetic products that have medicinal properties.

SOFTGEL DERIVATIONS

Unigel™
by Procaps

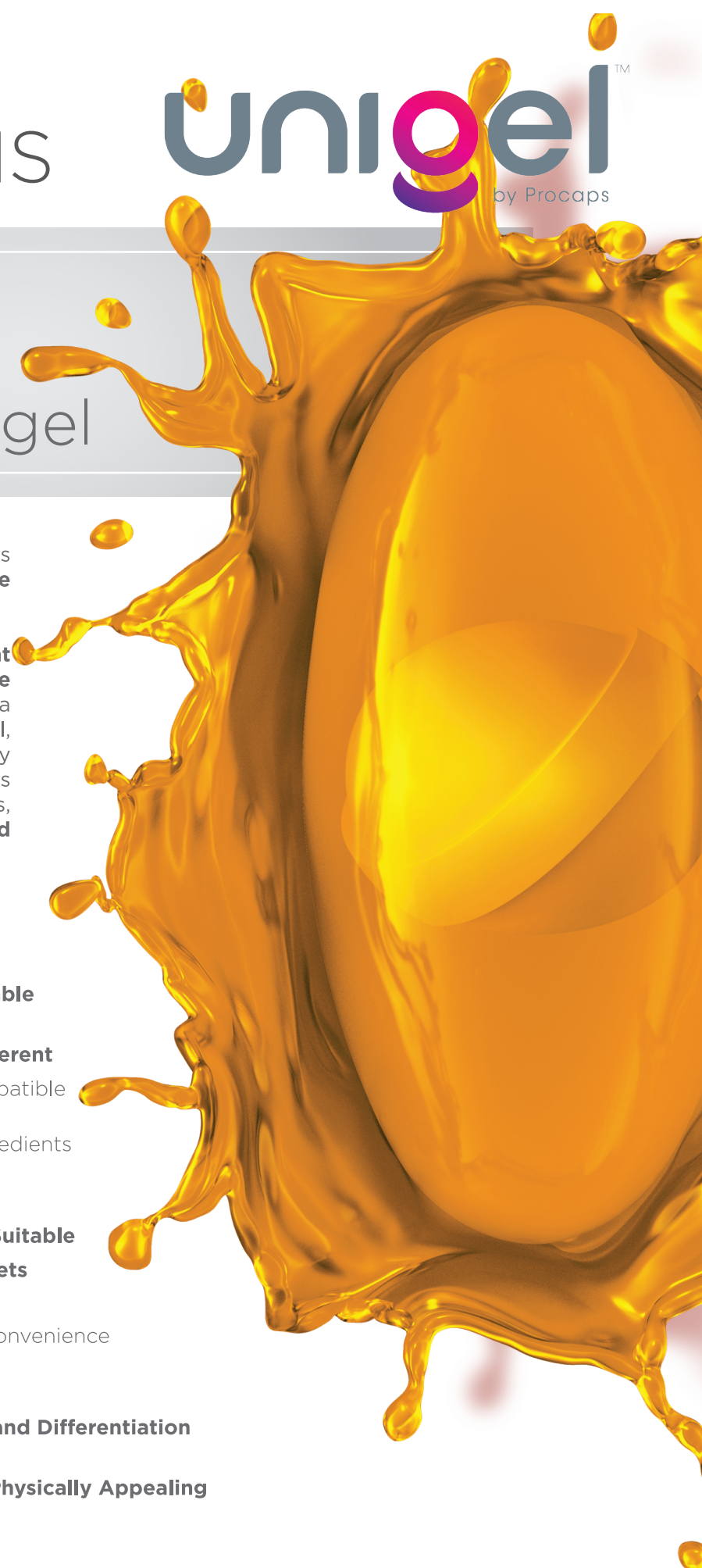
THE SMART softgel

Unigel™, the new smart softgel which lets **multi-functional ingredients exist in one single dose.**

This revolutionary form provides **different configurations for fixed-dose combinations**, such as a softgel within a softgel, one or two tablets within a softgel, granules within a softgel, or any combination of these to address challenges of multi-active formulations, offering **unique prescription, OTC and nutraceutical products.**

Key Unigel™ Advantages

- ➔ Different **Release Profiles** available
- Permits **the combination of different API's** that are normally not compatible
- Combines multiple purpose ingredients **in one form**
- 🌱 Different Gelatin Formulations/**Suitable for vegetarian and/or Vegan diets**
- 👥 **Improves Patient/Consumers** convenience and compliance
- 🏷️ Diversifies Portfolio/**Enables Brand Differentiation**
- **Clear look inside** the capsule/ **Physically Appealing**



Chew gels™

Discover our **Chewable Softgel Platform Chewgels™**, chewable soft capsules as a solution and line extension to existing or new products. With new ingredients, special shapes and flavors, we can offer patients & consumers a **completely new sensory experience with a technology that offers great convenience and an even greater taste.**

Key Chewgels™ Highlights

- ✓ Shell **solubility** and **stability**
- Within our chewgels the fill content may contain **solutions, suspensions, pastes** and **emulsions** assurance.
- 📄 Ability to select the **right gelatin and appropriate excipients** to hold the ingredients and the flavoring.
- **Lipid coating of the API** for special taste masking applications.

Key Chewgels™ Consumer Benefits

- ✓ **No water needed:** Taken easily on the run without water or food.
- **Easy to swallow:** Suitable for children or senior adults who often reject traditional dosage forms.
- 📄 **Fast effect:** immediate release and absorption in the mouth and
- **Great taste** that consumers love and ensures an ongoing consumption.



Versa gel™

Meet our **vegetarian softgel technology, Versagel™**, a versatile option for the encapsulation of high viscous, semisolid or high pH fill contents.

Versagel™ is a platform that has been built at Procaps from different standpoints such as: **Formulation, R&D, Process, Product and Experience.**

Key Versagel™ Advantages



More stable than proteins at **extreme pH values** and moderate ionic strengths



Ability to **encapsulate high temperature fills**



Ability to develop **Modify Release Options**



normally not compatible



They solve **complex formulation challenges.**



Non-GMO, Gluten Free, Vegetarian.



Vegan Certifiable

Key Versagel™ Consumer Benefits



Suited for consumers with **dietary and religious or cultural** restrictions.



Ideal for consumers seeking products to fit their **healthy lifestyles**



Offers the same benefits as a Softgel Capsule:

a. Easy to Swallow

b. Odor and Taste Free

c. Consumer preferred dosage form



Available in variety of **colors, shapes, sizes, and clarity**

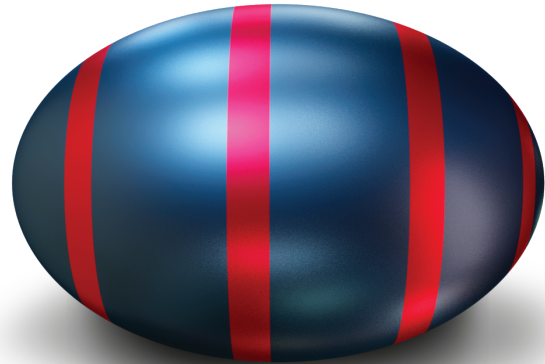


Stripegels

As the leading manufacturer of softgel-related technologies, offer unparalleled custom capsule services. **Design your very own Stripegels!**

Key Stripegels Advantages

- 👁️ Physically **Appealing**
- ⚙️ Completely **Customizable**
- 🏷️ Brand **Identification**
- 👤 New Customer **Experience**



A soft gelatin capsule with **twist-offcap** allows access to a measured dose for **topical and/or oral applications.**

Key Twistgels Advantages

- 💧 Better **Dosage Accuracy**
- 🚫 **Eliminates contamination** by repeat use

- 📋 Improves **Compliance**
- ⬆️ Improved **Stability**

Key Twistgels Consumer Benefits

- ➡️ **Portable On-The-Go**
- 💧 **Easy to twist** - Ideal for geriatric, Pediatric and Veterinary use
- 🎨 Available in variety of **Colors, Shapes, Sizes and Clarity**
- 🚫 **No Water** needed







Twistgels

Enteric Coated SoftGels



Enteric Coated Softgels are the **best way to stabilize acid-sensitive drug products**. This is because the API is not delivered in the stomach and instead **targets drug delivery in the small intestine**, which is preferred to treat intestinal disease, improving tolerance and reducing aftertaste.

Key Enteric Coated Softgel Characteristics









-  **Resists absorption** in the stomach
-  **Improves Patient acceptance** - avoiding reflux in pregnant women
-  **Masks Unpleasant** odors and flavors
-  **Chemical stability:** Oxygen and moisture protection barrier that prevents Omega acids oxidation and Oxidation / Hydrolysis of the vitamins

Enteric Clear SoftGels

Enteric-Clear Softgels use the Enteric-Coated Softgel method of stabilizing acid-sensitive drugs, but it has a **patient-appealing aesthetic**.

Consumers **often prefer clear capsules** over opaque and this design also means fewer steps in the development process, as no coating is necessary.

Key Enteric Clear Softgel Advantages

-  Greater **Bioavailability**.
-  Rapid **Absorption**
-  **No Fish** Aftertaste
-  **Less irritation of digestive or gastric mucosa**, due to its absorption at the intestinal level.
-  Exact **Dosing**
-  Physically **Appealing**
-  **Impossible to** Counterfeit
-  **Life-Cycle** Management Extension





G-Tabs™

G-Tabs™ is a technology for tablets coated with one or two-toned color gelatin, printed or not printed. Considered the best way to mask unpleasant odors and flavors, prevent counterfeiting and guarantee therapy adherence.

Key G-tabs Advantage

- ↑ Better Product Stability
- Effective protection for photosensitive pharmaceutical ingredients
- 🛡️ Limits degradation due to poor exposure to air
- 💡 Unique presentation: Difficult to counterfeit
- Available in a variety of shapes and sizes

Vaogels



The softgel vaginal ovule or insert, **Vaogels**, was **designed with mucoadhesive properties** to facilitate retention of the product in the vagina and availability of the active ingredient in a site-specific manner.

Key Vaogels Advantages

- 🔺 **Conical Shape** for easy application
- **Softgel Hydrophilic** outer layer
- ↑ **Improves Treatment** efficiency
- ↑ **Greater Dissolution/** Faster disintegration
- 🎯 **Exact** Dosage
- 💡 **Lipophilic** Excipients for better vaginal adherence and efficacy
- ♥️ **Gentle and Non-Irritating**
- ⚖️ **Stable** until Inserted

For more information on these technologies email us at:
communications@sofgenpharma.com
Or Visit: **www.sofgenpharma.com**